

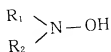
8. (Amended) A polymerization inhibitor for a conjugated diene, comprising at least one compound (a) selected from the group consisting of a compound having an NO radical in its molecule and a precursor compound capable of forming an NO radical, and a phosphorus-containing compound (b) selected from the group consisting of phosphoric compounds, esterified products of the phosphoric compounds, alkali metal salts of the phosphoric compounds, ammonium salts of the phosphoric compounds, compounds obtained by introducing an ester linkage and an alkali metal salt linkage into the phosphoric compounds, compounds obtained by introducing an ester linkage and an ammonium salt linkage into the phosphoric compounds, and hexaalkylphosphorus triamides, wherein a weight ratio of the compound (a) to the phosphorus-containing compound (b) is 1:10 to 100:1.

15. (Amended) A method for inhibiting polymerization, which comprises causing at least one compound (a) selected from the group consisting of a compound having an NO radical in its molecule and a precursor compound capable of forming an NO radical, and a phosphorus-containing compound (b) to coexist at a weight ratio of the compound (a) to the phosphorus-containing compound (b) of 1:10 to 100:1 with a conjugated diene.

Please add the following claims 23-25:

--23. (New) A polymerization inhibitor for a conjugated diene, comprising an N,N-dialkylhydroxylamine (a) and a phosphorus-containing compound (b), wherein a weight ratio of the compound (a) to the phosphorus-containing compound (b) is 1:10 to 100:1.--

--24. (New) The polymerization inhibitor according to Claim 23, wherein the N,N-dialkylhydroxylamine is a compound represented by the formula (I):



(I)

wherein R₁ and R₂ are independently a linear, branched or cyclic alkyl group having 1 to 10 carbon atoms.--

--25. (New) The polymerization inhibitor according to Claim 23, wherein the phosphorus-containing compound (b) is at least one selected from the group consisting of phosphoric compounds, esterified products of the phosphoric compounds, alkali metal salts of the phosphoric compounds, ammonium salts of the phosphoric compounds, compounds obtained by introducing an ester linkage and an alkali metal salt linkage into the phosphoric compounds, compounds obtained by introducing an ester linkage and an ammonium salt linkage into the phosphoric compounds, phosphine compounds, and hexaalkylphosphorus triamides.--